

Converting Colors

YIQ(127.7720, 107.2350,
33.4670)

Have a look what the booklet for
YIQ(127.7720, 107.2350, 33.4670)
contains.

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Color

**YIQ(127.7720, 107.2350,
33.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	FB4D42
RGB	251, 77, 66
RGB Percent	98%, 30%, 26%
CMY	0.0153, 0.6983, 0.7407
CMYK	0.00, 0.69, 0.74, 0.02
HSL	4°, 96%, 62%
HSV	4°, 74%, 98%
XYZ	43.4565, 26.2207, 7.9421
YIQ	127.7720, 107.2350, 33.4670

Conversions

Conversions Part 2

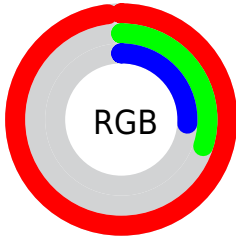
Format	Color
R_{YB}	251, 78, 66
Decimal	16469314
CIE _{Lab}	58.25, 65.16, 44.45
CIE _{LCh}	58, 78.879, 34.296
Yxy	26.2207, 0.5599, 0.3378
Android (android.graphics.Color)	4294659394 (0xFFFB4D42)
YUV	127.7720, -30.4536, 108.0710
Hunter-Lab	51.2061, 61.8746, 26.6484

Details

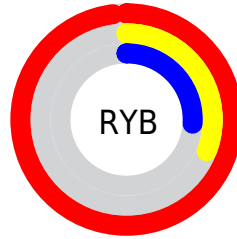
The YIQ color **127.7720, 107.2350, 33.4670** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **189.2280, -107.2350, -33.4670**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **168.6000, 77.9400, 19.2200**, and **58.0080, 104.1150, 45.9630** is the 20% darker color. If you saturate the color by 10%, you get **110.8340, 121.8600, 38.2440**, and if you desaturate by 10%, it is **144.7100, 92.6100, 28.6900**.

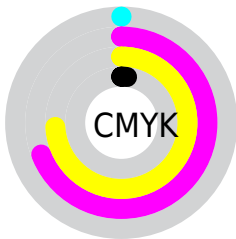
Distribution



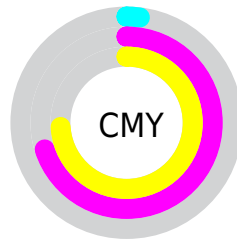
- Red (98%)
- Green (30%)
- Blue (26%)



- Red (98%)
- Yellow (31%)
- Blue (26%)



- Cyan (0%)
- Magenta (69%)
- Yellow (74%)
- Black (2%)




- Cyan (2%)
- Magenta (70%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.7720, 107.2350, 33.4670 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 127.7720, 107.2350, 33.4670 by changing the saturation by 10% instead.


 127.7720,
107.2350, 33.4670


 127.7720,
107.2350, 33.4670


255.0000, -0.0000,
-0.0000


 96.2110, 104.6210,
36.7890


 168.6000, 77.9400,
19.2200


 58.0080, 104.1150,
45.9630


 188.5870, 61.6190,
12.1390


 46.3450, 92.3800,
32.8600


 208.6880, 44.9770,
5.3690

 36.7770, 73.3080,
26.0760

 229.3760, 28.0600,
-1.9240

 27.6220, 54.5110,
19.8150

 250.1780, 10.8220,
-8.9060

 19.1790, 36.5850,
14.2890

254.6580, 0.9630,

 8.4860, 16.3670,

-0.9330

6.2470

■ 0.0000, 0.0000,
0.0000

■ 127.7720,
107.2350, 33.4670

■ 127.7720,
107.2350, 33.4670

■ 110.8340,
121.8600, 38.2440

■ 144.7100, 92.6100,
28.6900

■ 94.4830, 136.2100,
42.4980

■ 161.0610, 78.2600,
24.4360

■ 83.8540, 145.4710,
45.3670

■ 177.9990, 63.6350,
19.6590

■ 195.0510, 48.6890,
15.1930

■ 211.4020, 34.3390,
10.9390

228.3400, 19.7140,
6.1620

244.6910, 5.3640,
1.9080

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



122.5180, 94.7120, 67.7040



127.7720, 107.2350, 33.4670



130.6160, 97.0650, -13.5190

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



127.7720, 107.2350, 33.4670



106.1060, -70.0460, -63.1820



114.7720, -122.0050, 2.9470

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



127.7720, 107.2350, 33.4670



189.2280, -107.2350, -33.4670

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



124.7510, -126.6800, -5.9440



127.7720, 107.2350, 33.4670



116.6620, -94.2580, -42.8820

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



127.7720, 107.2350, 33.4670



118.1720, 8.6770, -63.6670



123.9410, -116.1320, -20.9000



141.7130, -24.9510, 50.2250

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



127.7720, 107.2350, 33.4670



131.8910, 70.7050, -31.3990



123.9410, -116.1320, -20.9000



118.8810, -123.9300, -0.7140

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



127.7720, 107.2350, 33.4670



217.5050, 32.5510, 10.3030



141.3790, 53.7640, 93.9560



105.3400, 19.7140, 6.1620



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



127.7720, 107.2350, 33.4670



105.6070, 129.9290, 40.6890



181.1890, 82.2100, -14.1260



116.4740, 7.4730, 2.2330



62.9680, 109.6190, 34.3150



20.5870, 35.2560, 10.8400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



189.2280, -107.2350, -33.4670



180.3930, -129.9290, -40.6890



135.8110, -82.2100, 14.1260



120.5260, -7.4730, -2.2330



126.0320, -109.6190, -34.3150



41.0000, -35.5310, -11.3630

Previews

White Background



This preview shows how the YIQ color 127.7720, 107.2350, 33.4670 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 127.7720, 107.2350, 33.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 127.7720, 107.2350, 33.4670

Background



This preview shows how black text looks on a background with the YIQ color 127.7720, 107.2350, 33.4670.



This preview shows how white text looks on a background with the YIQ color 127.7720, 107.2350, 33.4670.

33.4670.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

127.7720, 107.2350, 33.4670

Protanopia

137.8450, 24.7610, -13.7270

Deuteranopia

136.6660, 50.0700, -15.3540



Tritanopia

128.3790, 104.2080, 38.7680

Trichromacy



Original Color

127.7720, 107.2350, 33.4670

Protanomaly

134.1960, 55.1100, 3.4460

Deuteranomaly

133.7540, 70.9740, 2.2860

Tritanomaly

128.3960, 105.5380, 36.6900

Monochromacy



Original Color

127.7720, 107.2350, 33.4670

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.6800, 39.4280, 12.3240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.7720, 107.2350, 33.4670 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(251, 77, 66)` looks like.

```
.text, #text, p{  
    color:rgb(251, 77, 66)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(251, 77, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 77, 66) }
```

Border

The CSS property to change the border of an element to YIQ 127.7720, 107.2350, 33.4670 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 77, 66) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(251, 77, 66) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(251, 77, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 77, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 77, 66);  
box-shadow:4px 4px 4px 4px rgb(251, 77,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 127.7720, 107.2350, 33.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 77, 66) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(251, 77,  
66) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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